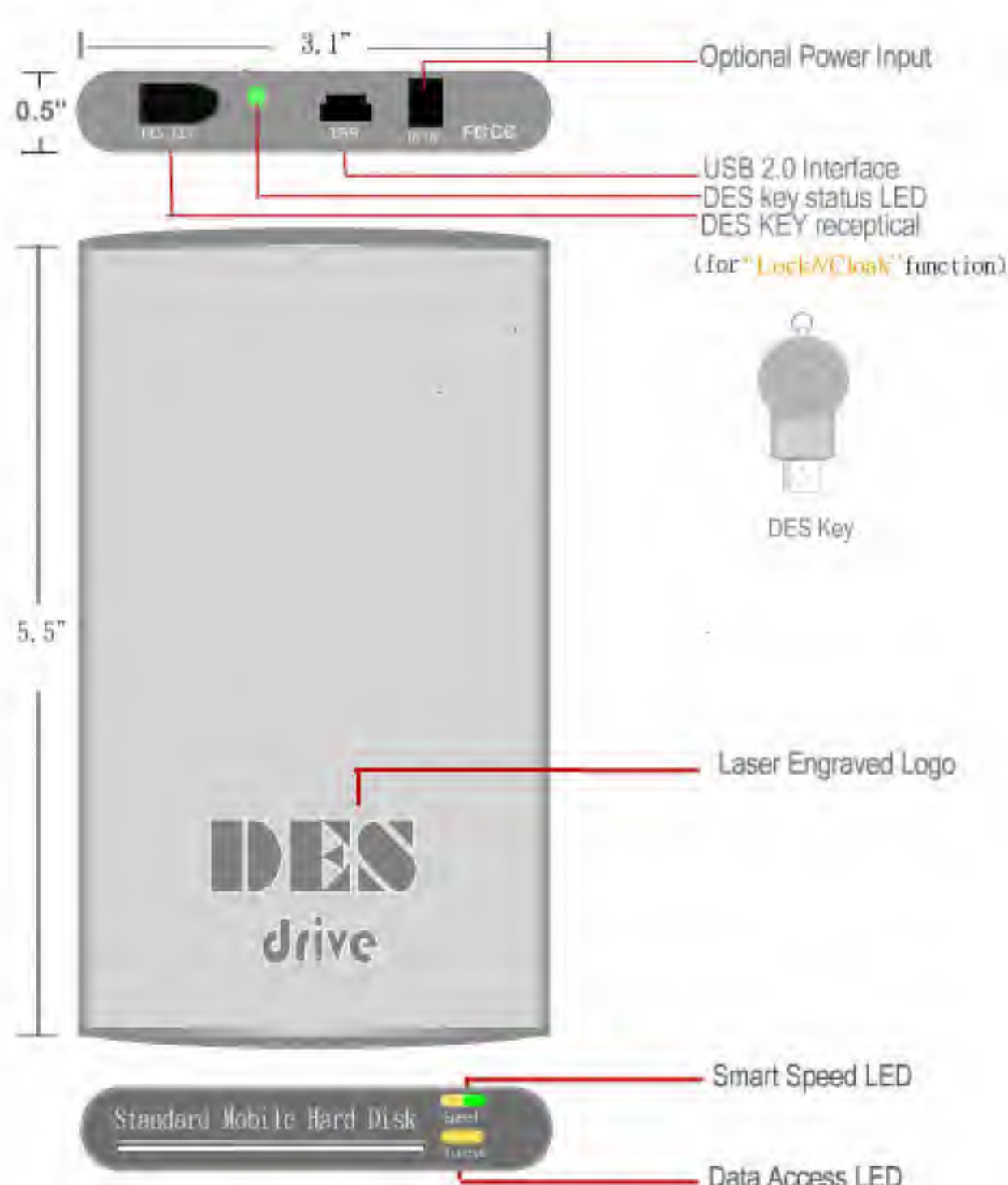# DES drive

High Capacity, Super Slim, Drop Resistance External Secure Data Storage System with build in "LockNCloak" Hardware Cipher Engine

Features & Data Sheet
DES Systems, USA
DESDRIVE.COM

3.1"
0.5"

- Optional Power Input
- USB 2.0 Interface
- DES key status LED
- DES KEY receptical *(for "LockNCloak" function)*

DES Key

5.5"

- Laser Engraved Logo

DES drive

- Smart Speed LED

Standard Mobile Hard Disk

- Data Access LED

Thin & Small
- Small enough to fit into your palm

Data Security
"LockNCloak" Data Security Techology Demystified
- Automatic real time data encryption/decryption
- No delay in data access, Play AVI, MP3 or access directly from it.
- Easy to use, with no learning curve.

DES drive features unique easy to use **"LockNCloak"** double security data protecton scheme to provide the ultimate protection for your private information.

Lock: (=DES Key)
Use your physical removable DES KEY to lock your hard disk. Just remove the DES KEY, your DES drive is dead locked. Never worry about unauthorized access to your private data, while you are away from your computer.

Cloak: (=cipher chip)
All files you stored in the DES Drive are automatic encrypted to NIST DES/TDES standard through hardware build in powerful real time cloaking engine Never worry about your sensitive private data being exposed even if you lost your drive.

Computer side — Decrypting Process — DES Drive side

Clear text in
Meet You in NY

"LockNCloak" Technology

Encrypted text out
&#.%!~^@.^

Encrypted text in

Clear text out

Encrypting Process

USB 2.0 interface

Smart LED
- DES Drive smart LED is capable to detect what USB speed your computer is running at.

Hard Disk — **Green light = USB 2.0 high speed**

Hard Disk — **Yellow/Green = USB 1.0 speed**

Standard Mobile Hard Disk
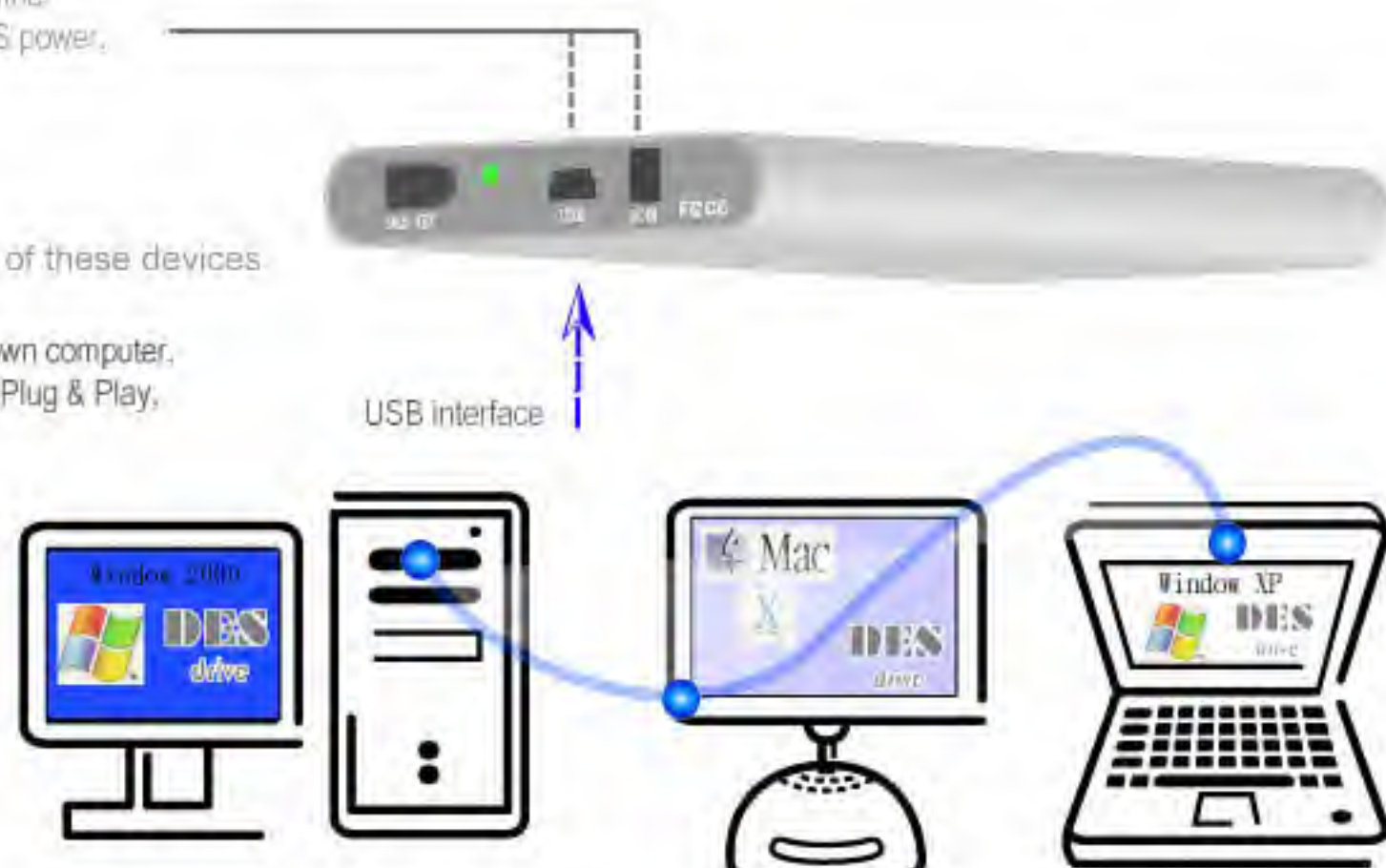
Sleek, Smooth, Elegant Case Design
- Hidden screw design.
- Scratch resistance and high thermal conducting aluminum case.

Flexible power managements
- Power source can be configure either through A/C adapter, or USB BUS power, (both are included accessories).

Compatibility
You can store data from any of these devices through USB interface
- Plug in and out without shuting down computer.
- No driver instalation needed, true Plug & Play.

USB interface

Windows 2000 / Mac X / Window XP

Drop Resistance Design
- Inside outside total data protection

So much, and so important data is stored in such a small device...... Why not owning this well build drop resistance storage system for extra insurance?

- Accidents do happen, but with DES Drive you get addtional anti shock protection your data needs. The build-in anti shock padding mechanism and rugged aluminum case allows DES drive to withstand 3ft drop on the bare floor.

3ft

Specifications

Specifications	
Model Name	DES drive
Color	Natural aluminum Silver
Case Material	Aluminum
Interface	USB 2.0 High-Speed and USB 1.1 compliant DES Systems – Proprietary DES key interface
Data Transfer Rate	USB 2.0 up to 480Mbps (60MB/sec) USB 1.1 up to 12Mbps (1.5MB/sec)
Capacities	Varies depend on model purchased
Encryption strength	Standard NIST DES/TDES
LED Indicator	status
Connectors	1 mini 5-pin USB 2.0 (USB 1.1) port 1 power jack 1 DES key socket
Power Supply	Bus powered, if host computer allows External A/C Switching adaptor - Input: 100 ~ 240V (47 ~ 63Hz), 0.3A 15VA - Output: 7.5V, 1.2A, 9W
Warranty	365 days
Hardware Requirements	USB/USB2.0 port or MAC with Standard USB/USB2.0 port 32MB RAM or higher
OS Compatibility	Windows Me/2000/XP *Mac OS X higher
Dimensions (W x D x H)	140x80x16 mm
Weight	Less than 200.0 Gram
Agency approval	FCC, CE
Environmental Specifications	Operating temperature range: 5°C to 50°C, 8% to 90% RH (non condensing) System operating temperature gradient 20°C /h or less Storage temperature range: –40°C to 65°C , 5% to 95% RH (non condensing) Max. wet bulb 29°C(Op.)/ 40°C(Non Op.)